

19971106.qrp v00_n901.qrs.971106

Date: Thu, 6 Nov 1997 19:05:02 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 901

QRP-L Digest 901

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by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 4) [30321] A Fox, at last
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 5) [30322] Thanks to all for Computer Noise help.
by "Gary M. - W2UX" <mail4gary@worldnet.att.net>
- 6) [30323] Re: Fox kudos
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- 15) [30331] Favorite Travel Rig?
by "Len W. Tough" <len@infinet.com>
- 16) [30332] MFJ 9020 FS
by ki3b@juno.com
- 17) [30333] Re: Favorite Travel Rig?
by Steve Galchutt <n0tu@webaccess.net>
- 18) [30334] WTB: OHR 400
by ckrelic@usaor.net
- 19) [30335] Substitute for MTP3055E

- by "Mike Rioux" <mrioux@iname.com>
- 20) [30336] SST RIT?
by Steve Galchutt <n0tu@webaccess.net>
- 21) [30336] WTB MFJ9420
by "Junius B. Fox" <w5hir@mail.phoenix.net>
- 22) [30337] Re: QRP-L digest 900
by "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
- 23) [30338] Re: Power Polarity Indicator & Rig Protector
by Monte Stark <ku7y@sage.dri.edu>
- 24) [30339] QRP new guy W/OHR-100A
by Chuck Sparks <csparks@bigfoot.com>
- 25) [30340] Re: Drake TR-3 sidetone answers.
by Ed Loranger <we6w@qsl.net>
- 26) [30341] Pixie2 Designer?
by fmathews@norfolk.infi.net (Frank Matthews)
- 27) [30342] Re: dedicating the 2222 contest to DeMaw
by svecbrdk@well.com (L.Svec,W.Burdick)
- 28) [30343] Fox: the final picture
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 29) [30344] Re: QRP new guy W/OHR-100A
by Monte Stark <ku7y@sage.dri.edu>
- 30) [30345] Re: MiniCircuits VCOs
by Lee Richey WA3FIY <WA3FIY@csonline.net>
- 31) [30346] CHECK 12m!!!!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 32) [30347] Kit of the century?
by "Jeff M. Gold" <jmg@tntech.edu>
- 33) [30348] Re: Pixie2 Designer?
by Ron Smith <resmith@primenet.com>
- 34) [30349] Internet Packet Gateway
by n4so@juno.com (charles k brown)
- 35) [30349] Re: CHECK 12m!!!!
by "Kevin Muenzler - WB5RUE" <wb5rue@stic.net>
- 36) [30349] Fox tonight
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
- 37) [30350] Re: Kit of the century?
by "Michael Fletcher" <kl7ixi@mailcity.com>
- 38) [30351] found in minnesota,49er/pixi boxes
by "chuck munce" <k0gjx@classic.msn.com>
- 39) [30352] Re: Kit of the century?
by Kory Hamzeh <kory@avatar.com>
- 40) [30353] 2N3055 current sharing resistors
by David Shalita <af389@lafn.org>
- 41) [30354] Low cost Fast PNP RF transistor
by David Shalita <af389@lafn.org>
- 42) [30355] Re: Fox tonight
by Ed Loranger <we6w@qsl.net>
- 43) [30355] Re: Fox tonight

by "Michael A. Gipe" <mgipe@reliablemeters.com>
44) [30356] Fox: attention east coasters
by "Michael A. Gipe" <mgipe@reliablemeters.com>
45) [30357] Origin of two rigs for contest single ops??
by Alan Kaul <kaul@netcom.com>
46) [30358] Re: Fox tonight
by tahrens1@juno.com (Timothy H Ahrens)
47) [30359] Ten Tec C-22 for sale
by Robsparks <Robsparks@aol.com>
48) [30360] RESULTS FOR THE NOVEMBER SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
49) [30361] Soapbox for the November Spartan Sprint
by Russ Carpenter <russ@natworld.com>
50) [30362] Re: Fox: attention east coasters
by Ken Freedman <n1qqv@cshore.com>
51) [30363] Re: Fox: attention east coasters
by "J. Skalski" <jskalski@acsu.buffalo.edu>
52) [30364] Re: Fox tonight
by Vic Rosenthal <rakefet@rakefet.com>
53) [30365] AlincoDJ-S11 and Sputnik2
by bcutter@teal.csn.net (Bob Cutter)
54) [30366] RE: Fox tonight
by n4js@amsat.org
55) [30367] SS Scores
by Monte Stark <ku7y@sage.dri.edu>
56) [30368] VCO
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
57) [30369] Re: 2N2 accesories
by w4bws@juno.com (Donald E Sanders)
58) [30369] Looking for Xtals to Build 9Mhz Based BFO
by Sam Billingsley <sbillingsley@mindspring.com>
59) [30370] FS: Ten Tec Argosy 525 Analog
by "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
60) [30370] Re: Fox tonight
by Joe Gervais <vole@primenet.com>
61) [30371] Re: Fox tonight
by "Michael A. Gipe" <mgipe@reliablemeters.com>
62) [30372] Re: Power Polarity Indicator & Rig Protector
by w4bws@juno.com (Donald E Sanders)
63) [30373] Re: Multi-band Verticals
by Peter Demmer <ampruss@hits.net>
64) [30374] key arrival
by "Greg K. Pollard" <cwgreg@worldnet.att.net>
65) [30374] FOX: N/T Fox Fri Night
by "W2MBY & W2MY" <n2mnn@spacegate.com>
66) [30374] Re: key arrival
by Ed Loranger <we6w@qsl.net>
67) [30375] Re: key arrival

by "Phillip S. Rutledge" <rut@mcrut.mv.com>
68) [30376] Attic Antenna Atavisms
by MNHopkins@aol.com
69) [30377] Wanted MFJ 9040
by n1tgz@juno.com (Gregory P Fox)
70) [30378] Re: key arrival
by SDULANEY@ccmail.dsccc.com
71) [30379] Postponing List
by n1tgz@juno.com (Gregory P Fox)

Date: Wed, 5 Nov 1997 19:10:51 EST
From: wd4et@juno.com (Jeffrey L. L. Greer)
To: qrp-l@Lehigh.EDU
Subject: [30318] Re: QRP Satellite Listening?
Message-ID: <19971105.191544.3950.1.wd4et@juno.com>

Is it a fair assumption that the Sputnik replica will be tracking close to MIR?

If so, we could approximate the times by MIRs position.

73, Jeff WD4ET

Date: Wed, 5 Nov 1997 16:58:44 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list server" <qrp-l@Lehigh.EDU>
Subject: [30319] Fox alert!
Message-ID: <199711060059.SAA31658@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Fox alert! Fox alert! Fox alert! Fox alert! Fox alert!
this this this this this
Thursday Thursday Thursday Thursday Thursday

Warm up the rig! Here comes the fox! He's less than 25 hours away.

K1MG on November 7 at 0200 to 0400 UTC

In the USA, that's next THURSDAY, November 6 at

6:00 to 8:00 Pacific
7:00 to 9:00 Mountain
8:00 to 10:00 Central
9:00.00 to 11:00.00 Eastern
5:00 to 7:00 Alaska
No problem, soon as we're done surfing Hawaii

Let's see how big a pileup we can make with QRP!

Since this closely follows Sweepstakes, I will set my code speed a little higher than most foxes. Feel free to send at whatever speed you are comfortable with. Try to copy my report at full speed, even if you need to hear it a few times to do so. Of course, if you ask me to QRS, I will be happy to do so. I will probably also slow it down on occasion just so no one is completely overwhelmed (other than me).

Target starting frequency is 7.037 kHz +- QRM

If necessary (I hope), I will also call for split operation, meaning that I will ask you to reply to me up 1 kHz from my frequency. Don't worry, I will also be listening for your calls on my own frequency, and I won't penalize anyone who does so. I do want to spread out the hunters a bit, to make sure everyone can hear me and know who I am talking to.

Judging from the band conditions last night, it should be a very interesting propagation test. We may get short skip; we may get long skip. We may get around the world and back skip. So, if you are anywhere on the earth, try to find and work the fox!

This is my first turn ever in the fox barrel, and I am excited and ready to jump in with both feet, so hit me with everything you've got. I'd like everyone on QRP-L to be there.

Mike K1MG

Date: Wed, 5 Nov 1997 20:36:40 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:we6w@qsl.net" <we6w@qsl.net>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [30320] FOX: W7QQQ Bagged!

Message-ID: <199711052038_MC2-26F3-43FB@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Ed:

Well great news on your success! Didn't hear you myself...but then I hardly hear anyone on there. FOX was 559 at 0200 then dropped to 000 about 0210. I thoyght, he is goner for the night. But then he suddenly began to gather strength, and I got him 569 at 0220 (he gave me 559).

Boy this stuff is addicting, isn't it?! Here's wishing you continued success during the rest of the season!

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/05/97 11 of 12 + 8 of 11 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 5 Nov 1997 20:36:47 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Bob_Tellefsen-CNSE97@email.mot.com" <Bob_Tellefsen-CNSE97@email.mot.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [30321] A Fox, at last
Message-ID: <199711052038_MC2-26F3-43FC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Bob:

Well it was really *weird* here, too. Jack was 559 right at the start, then disappeared at 0000. I thought well there goes the FOXhunt altogether. But could still vaguely hear the pileup...so I just kept

hanging around, hoping for the best. Suddenly at 0219 he jumped up at 569. Heard him work Dan Tayloe N7VE, and I got him immediately afterward. Whew--and YAHOO!

This is a very interesting year, propagation-wise. Perhaps 40 metres is always this up and down..but you are right. It will be a challenge to snag them, many times 8^).

Anyway, good luck and congrats again on your success last evening. Hope you snag every one of the others.

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/05/97 11 of 12 + 8 of 11 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 05 Nov 1997 21:40:38
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-1@Lehigh.EDU
Subject: [30322] Thanks to all for Computer Noise help.
Message-ID: <3.0.3.16.19971105214038.37b78e4e@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thank for the many responses to my help request. I got about 20 suggestions and will begin trying them all.....Thanks again.

=====
72/73 de W2UX QRP-ARCI
Gary McCaughey QRP-L
Lexington, SC CQC
CW is the REAL THING!
Use it....or lose it.
=====

Date: Wed, 5 Nov 1997 20:36:57 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:vole@primenet.com" <vole@primenet.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [30323] Re: Fox kudos
Message-ID: <199711052038_MC2-26F3-43FE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Joe:

Congrats on this successful hunt. Didn't hear you, but then I could barely hear *anyone* in the pileup. Jack started at 0200, then dropped completely out of sight at 0210. But luckily he popped back up to 569 at 0218, worked Dan Tayloe, and then I snagged him at 0220. Wow!

Hope condx will be better when I am the one in the barrel! Best wishes to you for continued success throughout the rest of the season.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/05/97 11 of 12 + 8 of 11 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Auttek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 05 Nov 1997 01:39:22 -0600
From: Wayne Alexander <walexander@wwn.net>
To: qrp-l@Lehigh.EDU
Subject: [30324] Not QRP, But
Message-ID: <3.0.3.32.19971105013922.006a056c@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has anyone on the list ever heard of a FTDX400 Yaesu? I have aquired one of these. It has a problem and I want to fix it. If anyone knows something

about this rig please E-mail me direct. Thanks and this is a great list.
Have a great day.

73
KB0PTE
Wayne

Date: Thu, 06 Nov 1997 09:57:41 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: "Steven Weber" <kd1jv@moose.ncia.net>
Cc: qrp@pandora.lugs.org.sg
Subject: [30325] Re: MiniCircuits VCOs
Message-ID: <34612417.pandora@pandora.lugs.org.sg>

On Wed, 05 Nov 1997 18:12:09, "Steven Weber" <kd1jv@moose.ncia.net> wrote:
> BTW, how'd you make out with the intermod problem?

Not good. I built an amp with the MAR-6 and the 20dB gain swaps out the front end. Local distributors have minimum order quantity of 10! At around \$6 each. I have just looked at the Mini-Circuits RF/IF designer's guide and it looks like the ERA-4 and -5 have even better IP3 figures.

On the other hand, I don't think this problem can be solved at the pre-amp alone. I am looking down the IF chain and am wondering if the last IF would be a better place to add gain. The internal front end pre-amp as is dual-gate FET pre-amp.

There seems to be an adjustment in one of the final stages of the pre-amp and I am wondering if I should mess with it. I am not familiar enough with dual-gate devices to know how that variable resistor actually affects the gain of the circuit. Gotta look into that.

I figured that with so much gain, it will probably overload the front-end even if the intermod is not coming from the MAR pre-amp. I am thinking about ways that overall IP3 figures for radios can be improved and I seem to recall reading a series of articles by Rhodes in QST which mentioned changing the switching diodes to PIN devices. This is off the cuff but it might be worth thinking about. Gotta look at that again.

Thanks for asking anyway. :-)

73 de 9V1ZV Daniel

--

+-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg |

| 9V1ZV |
| QRP-L #667 | 9V1ZV@amsat.org |
+-----+

Date: Wed, 5 Nov 1997 22:19:24 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <ka8okh@som-uky.campus.mci.net>
Subject: [30326] Nov SS CW Score
Message-ID: <01bcea62\$c84e4ac0\$755445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

Well I had a ball hunting and pecking for multipliers during the November SS CW Contest! Very close to a Clean Sweep! I missed three sections NWT, PQ & NE. I also heard all three but just did not have the time to work the large pile ups on the three. VY1JA did stand by for QRP stations! Unfortunately the QRO station manners were very bad and then VY1JA went QRT!

134 Q's
76 Multipliers

20,368 Total Score

Had a ball, going to work the SSB portion next week!
CU Then!

73, Good DXing & QRPing
Ron de WB3AAL
E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA
QRP # 5318 G-QRP # 3031
10-10 # 13173 QRP-L # 1099

Date: Wed, 05 Nov 1997 21:19:36 -0600
From: Lynn Simons <lsimons1@ix.netcom.com>
To: v31ry@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30327] Re: QRP CW SS Score
Message-ID: <34613748.CA7DBB82@ix.netcom.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="-----
C3A782CA578CB784B20B7411"

-----C3A782CA578CB784B20B7411
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>

Hi all,

I had a great time in the SS this past weekend. This was the second year I operated as QRP. It still just amazes me what can be done with just a few watts! I was able to operate for just over 13 hours with the following results.

BAND	QSOs	SECs
40M	96	50
20M	37	3
15M	26	17
10M	2	0

I was using my newly acquired Ten Tec Argonaut II at 5 watts out with my 'stealth' antennas: 20 M dipole and 10 M dipole in the attic; and a 40 M inverted vee against the back of my house for 40 and 15 M. I worked 47 states (missed NE, SD, and ND) and 70 sections. I was able to work 2 KL7 stations and one KH6. Amazing how I missed those 3 states bunched up in the middle of the country. I only did the hunt and pounce method and was able to work all sections and states I heard. I did not come across any SD, ND, or NE stations. The other sections I missed were again those I did not hear: MAR, NL, PQ, MB, AB, and YU.

Code speed at the beginning of the contest was around 26 WPM and by the time I quit on Sunday evening was 40 WPM. Amazing what just a couple hours of operating can do to one's ability to copy CW. Looks like operating one of these contests just prior to going for a CW test would just about guarantee a passing grade.

I had a wonderful time doing this contest and did run into a few other QRPers. Since I was doing the H&P as were most of the other QRPers I didn't work many. Those I did work were WZ8P, OH; K5SL, LA; AD8J, WPA; KD4MSR, GA; and K1TR, NH. All with dynamite signals. It was very uplifting to see so many of the A and B category stations being so patient and pulling my QRP sigs out. I too was amazed at how few the requests for repeats were. Just goes to show you what a nice contest this is for QRPers!

Now, making the plans for the last weekend of this month. CQWW CW contest. I still need 16 countries for DXCC/QRP maybe I'll be able to find them then; especially since I've got the ol' code speed up now.

73/72,

Lynn, KJ3V

"I only have a few watts, but I use them wisely!"

```
-----C3A782CA578CB784B20B7411
Content-Type: text/html; charset=us-ascii
Content-Transfer-Encoding: 7bit
```

<HTML>

<BLOCKQUOTE TYPE=CITE> </BLOCKQUOTE>
Hi all,

<P>I had a great time in the SS this past weekend. This was the second year I operated as QRP. It still just amazes me what can be done with just a few watts! I was able to operate for just over 13 hours with the following results.

[illegible]

From: gsurrency@juno.com (Gary L L Surrency)
To: qrp-1@Lehigh.EDU
Subject: [30328] R1ANF on 40m
Message-ID: <19971105.221406.3446.1.gsurrency@juno.com>

R1ANF was working a big pileup tonight on 7009.1 khz. I worked him around 0354Z, but it took the full 100w from the TS-570D to break thru. He gave me a 569. QSL manager is DL5EBE.

So listen for the next few nights and see if he is on again. Ron, KU7Y should be able to get him with 950 mw and all that aluminum. I only have an indoor dipole and it's oriented NS. But I doubt it has any directivity at that height, even if I worked him off the end. And the roof is covered with cement tiles to boot! Amazing stuff, that RF !

And for those of you concerned about RF exposure, the operating position is 16 feet directly under the center feed point, but a field strength meter shows very little indication. Even at 100w. But I almost always use no more than 5w for most QSO's.

Conditions were very good to Antarctica tonight, R1ANF was peaking S9 even with the pre-amp off. Must be that CME! :-) Nice diversion from Fox hunting.

ciao and 72,

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Thu, 06 Nov 1997 00:36:37 EST
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [30328] Sputnik replica
Message-ID: <19971105.123506.4383.4.n4so@juno.com>

All the Sputnik replica info is in a text file from the ARRL.
The info contains addresses to send your reception report.

If you want a copy, request SPUTNIK.txt

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Date: Thu, 06 Nov 1997 02:00:06 EST
From: ko7i@juno.com (Donald H Jones)
To: qrp-1@Lehigh.EDU
Subject: [30329] Internet Packet Gateway N0ARY
Message-ID: <19971105.235716.8015.0.ko7i@juno.com>

Hi All,

Last week I posted a note sharing my desire to get onto the Packet Radio network via the internet. I received a several tips from Ken Brown, N4SO, and I have to say THANKS Ken!

Ken tipped me off to the N0ARY BBS system, and I have to say it is very easy to use. It is a cleverly interfaced system using the Internet E-mail system. Once you register with the bbs, to list all recent packet postings, you send the word "LIST" in the message body in an e-mail to the bbs, and it will reply after a short wait with a return e-mail containing all the newly posted messages. Send back a e-Mail with the word "READ" in the message body, followed by the message numbers you wish to read.

Hams can send packet messages to the N0ARY Packet BBS, and the BBS will forward them to your e-mail address, which is nice too.

By using YAHOO on the web, and searching on the keyword "N0ARY" it will get you to his web page, which contains the FAQ sheet on registration and etc.

I like it, and maybe some of you might too.

73,
Don Jones
ko7i@juno.com
Stanwood, WA
360-652-0248

Date: Thu, 06 Nov 1997 19:43:53 +1100
From: John Bates <batesjw@netspace.net.au>
To: qrp-1@Lehigh.EDU
Subject: [30330] QSL Bureau
Message-ID: <34618348.295D66F7@netspace.net.au>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gidday gang,
Not quite qrp but might need it when I do make a qrp contact, but am
trying to find a qsl address, either bureau or direct, for ZK1CC (Dick)
who resides on South Cook Island.
Can anybody help?
Signed "Desperate"!!
John

--
batesjw@netspace.net.au
batesjw@southcom.com.au
vk7rt@qsl.net

<http://www.qsl.net/vk7rt/>
VK7RT
CW OPS QRP Club #456

Date: Thu, 6 Nov 97 08:59:02 -0000
From: "Len W. Tough" <len@infinet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [30331] Favorite Travel Rig?
Message-ID: <199711061002.FAA22945@mail1.infinet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hi Gang-

I am receiving the SWL GM-40 this week, and plan on packing it into a
Lansing enclosure with a tiny speaker, and the KC-1 keyer. I have been
traveling with the TAC-1, and the 38s just to name a few. I am looking
for the *perfect* portable rig that is very compact, AND full of
features. I have built the GM-15 and like the board layout and specs. -
plus the tuning range and modability are both excellent! I tend to
prefer the 40m band when traveling since it is usually open to somewhere,
and when you want to chat, you usually can.

Date: Thu, 06 Nov 1997 06:02:24 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: len@infinet.com
Cc: "\"Low Power Amateur Radio Discussion\"> <qrp-1@Lehigh.EDU>
Subject: [30333] Re: Favorite Travel Rig?
Message-ID: <3461BFE0.191E@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Len,

I sure like my lil' SW 40... I've got in RS modem case w/RIT, TiCK keyer and I use the rainbow tuner and 1/2 wave long wire seems to get out pretty good...I've never failed to contact someone. Although, the SST looks very promising in terms of size, weight, power, and rx current drain! It's next on my list! Cheers Steve/n0tu

Len W. Touth wrote:

>
> Hi Gang-
>
> I am receiving the SWL GM-40 this week, and plan on packing it into a
> Lansing enclosure with a tiny speaker, and the KC-1 keyer. I have been
> traveling with the TAC-1, and the 38s just to name a few. I am looking
> for the *perfect* portable rig that is very compact, AND full of
> features. I have built the GM-15 and like the board layout and specs. -
> plus the tuning range and modability are both excellent! I tend to
> prefer the 40m band when traveling since it is usually open to somewhere,
> and when you want to chat, you usually can.
>
> Anyone out there travel extensively like I do, and use a rig for QRP/M or
> portable ops? Small and feature packed is the key here for me. Also,
> what antennas do you use in the hotel rooms? I usually take my mobile
> Hustler ant to the room, OR run a random wire if I am up on the 10th
> floor ;-> Just wondering. Thanks in advance.
>
> Best 73
> Len
> W8VQ

.....Steve > n0tu . .
email:N0TU@webaccess.net
homepage <<http://www.webaccess.net/~S&P>>

Date: Thu, 06 Nov 1997 08:09:49 -0500
From: ckrelic@usaor.net
To: qrp-1@Lehigh.EDU
Subject: [30334] WTB: OHR 400
Message-ID: <3461C19D.6067C285@usaor.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for "Oak Hills Research 400" in excellent condition.

If anyone can help, email "ckrelic@usaor.net" or call 412-693-8054
until
2PM ET weekdays as I work afternoons and anytime weekends.

Thanks

Curt
Ka3ivb
QRP-L #433

Date: Thu, 6 Nov 1997 13:28:40 -0000
From: "Mike Rioux" <mrioux@iname.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30335] Substitute for MTP3055E
Message-ID: <01bceab7\$e55997a0\$0200005a@SEABAT.RIOUX-HOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm trying to debug my Centennial and have gotten to the point
where >I think the final power transistor is suspect.
Anyone know of an easily available substitute (Radio Shack)
for the MTP3055E that was supplied with the Centennial kit?
Thanks

Date: Thu, 06 Nov 1997 06:29:02 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [30336] SST RIT?
Message-ID: <3461C61E.59FB@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Anyone figure out a RIT for the SST or know where to find a list of mods for it. Like...how to extend the tuning range and other little refinements,etc. Thanks in advance!

.....Steve > n0tu . .
email:N0TU@webaccess.net

Date: Thu, 06 Nov 1997 08:51:56 -0600
From: "Junius B. Fox" <w5hir@mail.phoenix.net>
To: qrp-1@Lehigh.EDU
Subject: [30336] WTB MFJ9420
Message-ID: <3.0.1.32.19971106085156.006a3b88@mail.phoenix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This AM I was showing a ham friend my MFJ 9420 mobile. We made contacts on 20 which surprised him so, that he wants to buy one also. If anyone has an MFJ 9420 in good condx, with or without cw mod, please contact me directly w5hir@mail.phoenix.net

Foxy
w5hir@mail.phoenix.net

"success is recognizing a dead horse and burying it with the least ceremony"

Date: Thu, 06 Nov 1997 09:17:13 -0600

From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
To: qrp-l@Lehigh.EDU
Subject: [30337] Re: QRP-L digest 900
Message-ID: <3461DF75.1426@uts.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stephen,

I missed the posts on the 2222 power amps. Would you be willing to share references, insights gained?

Thanks,

Gary, KJ5VW

Date: Thu, 6 Nov 1997 07:29:04 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30338] Re: Power Polarity Indicator & Rig Protector
Message-ID: <Pine.SUN.3.90.971106072309.18067C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Another little trick I have seen done (by Harris) on mobile radios is put a high value resistor in the power line and wrap it with fuse wire. You can use a table to figure what wire to use should you care to do this.

Why would you want to do this??

Well, I think the mfg's did things like this to encourage people to take their radios into regular dealers and not some discount repair station!

In the Harris radio, this fuse "resistor" was located down one whole board level! And was one of the places where you use the "remove and replace parts from the top side of the board" trick!

So listen to the last poster....use a fuse that is easy to

buy and locate it where it's easy to change!

(If you use a cartridge style fuse and wrap a little tape "flag" around it before inserting in the holder, you can get it out by just pulling on the tape!)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 6 Nov 1997 09:30:45 -0600 (CST)
From: Chuck Sparks <csparks@bigfoot.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30339] QRP new guy W/OHR-100A
Message-ID: <199711061530.JAA05382@natasha.eden.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I've been lurking on the list for a couple of weeks while I built a OHR-100A and got it running. The kit was a joy to build and the ONLY problem I experienced was a tiny copper whisker from a pad to the ground plane which did a really effective job of attenuating the VFO signal. Dick, of OHR, is a really first class act. He gave me all the time I needed for my stupid questions. After I finished the allignment I hung a six foot piece of solder on it for an antenna and right away coppied a VE3. I guess I'll keep it. I'm anxciuous to try the entire rig as soon as I get the 40M dipole up tonight. Currently I possess the Tech+ ticket, after having let two calls expire from the past (K5TOQ and N5FHV). I will be taking the 13WPM and GEN/ADV theory next weekend and hope to reactivate K5TOQ that I originally owned back in '59.

By the way, this list is the most decorum I have seen since being online. Never turn it into a newsgroup.

CUL
Chuck Sparks KD5CHH
Austin, Texas

Date: Thu, 06 Nov 1997 16:18:41 +0000
From: Ed Loranger <we6w@qsl.net>
To: Multiple recipients of The Drake Rig List <drake-l@fablotz.min.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30340] Re: Drake TR-3 sidetone answers.
Message-ID: <3461EDE0.7F11@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis L. Edinger Intoned:

>
>> Ed Loranger, we6w chirped the following :)
> > Anyway, I am ready to integrate a sidetone into the Drake and
> > am eager for suggestions.
> >
> > One) Does anyone know "where" I can pick up the keying voltage?
> >
> > I've searched and it ain't pretty...
> >
> > And B) Circuit suggestion? Pleasing 750 Hz sinewave preferred.
> >
> > Any Help appreciated!
> >
> > Tks es 73/Ed Loranger, we6w

> Ed,
>
> I'm just lazy and use the sidetone from my AEA Morse Machine, but curious about
getting a sidetone from my R-4B and TR-4CW. I >learn something new about my
Drakes with each use, but I haven't >been run accross a sidetone. Did they (the
R-4B and TR-4CW) have >a sidetone feature? Perhaps you are onto a problem we all
>suffer with or just one lazy guys like me have yet to find the
>Drake inspired solution for!
>
> de Dennis/w0gd

And, on another note, :)

I'm new to the Drake scene so am learning more abt them daily.
In keeping with the 'theme' of the rig, David Feldman, WBOGAZ,
suggested the following circuit as a relaxation oscillator.

Looks workable!

```

> (small pf)
> tap into 1N4003 etc
> final
>      ||      |\ |      50-100K? .01? NE2? 1 Meg? To audio
>-----||-----|>|-----/\ /\ /\-----+-----+---/\ /\ /\-----> grid.
>      ||      | / |      |      |      ^      |
>                      === 0      +-----+
>                      |      |
>                      --- --- (gnd)
>                      ///  ///
>

```

Still open to any new suggestions, and thanks to all who quoted articles and schematics for the twin-tee etc. oscillators.

Thanks all! -Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
 HW-8, OHR-100, Pixie2, Johnson Viking II, Drake TR-3
 QRP-L#1068, ARCI#9397, Norcal#2227, ARS#275, AR#112 grid CM88ok
 mailto:we6w@qsl.net <http://www.qsl.net/we6w>

 Date: Thu, 6 Nov 1997 12:44:38 -0500
 From: fmathews@norfolk.infi.net (Frank Matthews)
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [30341] Pixie2 Designer?
 Message-ID: <v01530500b087b0064058@[208.131.169.215]>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="iso-8859-1"
 Content-Transfer-Encoding: quoted-printable

=46ellow QRP-Lers

Does anyone know who is responsible for the original Pixie design? I am thinking about putting a project booklet together that will include schematics, parts list, pc foil pattern layouts, and a "take you by the hand" approach as to how the circuit is designed, how the components were selected (with calculations) and etc.

I certainly do not want to infringe on any copyright laws nor do I want people to think that is is my design. While I have made some modifications (and continue to do so) I would like to give credit (and seek permission if necessary) to its originator. I think a "booklet" with all of the described information presented as a "mini qrp course" would go a long way in presenting the newcomer with an avenue to explore.

So.....does anyone know who is the original designer or the status

of the design?

=46rank

PS....My next version will include a Tick2=81 keyer!

=46rank Matthews
Technology Education Department
Oscar F. Smith High School
1994 Tiger Drive
Chesapeake, VA 23320
(757) 548-0696 Ext. 51
Email/fmathews@norfolk.infi.net

Date: Thu, 6 Nov 1997 08:34:20 -0800
From: svecbrdk@well.com (L.Svec,W.Burdick)
To: rflight@VNET.IBM.COM, qrp-1@Lehigh.EDU
Cc: ki6ds@telis.org
Subject: [30342] Re: dedicating the 2222 contest to DeMaw
Message-ID: <199711061626.IAA03083@smtp.well.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gary,

As one of those who learned much from DeMaw, I think dedicating the NorCal 2222 project (or some annual event) to Doug is a great idea. Many of W1FB's 2222-based circuits, including those in his QRP Notebook, flashed through my mind when I first pitched the 2222 contest idea to another famous Doug--Hendricks.

73,
Wayne
N6KR

>Gang;
>
> What say we add to the chaos now underway and pressure our friends
>at NorCal to award the 2N2222 contest winner the first annual W1FB award in

>honor of one who has either directly or indirectly, in whole or in part,
>been mentor and/or motivator to so many who now embrace QRP as a way of life.
>

Date: Thu, 06 Nov 1997 10:34:38 -0600
From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Cc: "'Mike Gipe-K1MG-'" <mgipe@reliablemeters.com>
Subject: [30343] Fox: the final picture
Message-ID: <ABB04875E11AD01191A40000F83092BE3B3F3B@stone.siastr.sk.ca>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7BIT

...the final picture...it's a few minutes after midnight...the sky is clear...the stars outstanding...the moon is full...shadows are everywhere...a slight surface mist on Wascana Lake in the middle of Regina...an old gentleman, obviously retired, walks with his black labrador retriever slowly around the lake edge...stops to re-light his pipe, pauses, letting the smoke curl upwards...his lab obediently sits down at his pal's left side...all is beautifully quiet for early November...and no snow...

...looking north, the Old Man can make out the shape of Willow island...south of Willow is Spruce island...to the right the Queen's building is darkly visible through the naked trees...some lights filter through the black trees from inside the building casting infinite shadows across the landscape...the shadows begin their quivery dance once they meet the water...as his eyes swept across the water, westward, he quickly reversed the direction of his gaze to a point half way between Willow and Spruce island...squinting his eyes, the Old Man found what had caused him to shift back...actually, what he was looking for...the surrounding water was coal black except for a small area about two feet across...it was decidedly bright yellow/green in colour...and it was moving...

...circularly polarized, as if a witch's cauldron was busy brewing up a curse of some kind...the water began to froth...the centre of the brew turned white and suddenly a silent white pulsing object escaped from the water with the only sound heard being a soft...sssssssst...half a microsecond later it was gone into outer space...another pulse followed...then another...and another...

...the Old Man followed the pulses with his eyes...some long ..others

short...he smiled as he read the message..."b..a..l..a..n..c...e..d"...as he held his pipe in his hand, HPM crouched down, patted his faithful friend on the head and quietly said "...thank goodness it works old girl...he'll be ok now...do you still remember the 'ol secret handshake?..."...the lab lifted her left front paw up to her forever-friend... "...atta girl..."...a pat on the head and the two pals started their slow walk again, the smoke from the old pipe curling upward and they disappeared into the mists of time...

QRP! It says it all!

72 - hambly, the Scribe.

Date: Thu, 6 Nov 1997 08:28:22 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: Chuck Sparks <csparks@bigfoot.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30344] Re: QRP new guy W/OHR-100A
Message-ID: <Pine.SUN.3.90.971106082726.18067F-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 6 Nov 1997, Chuck Sparks wrote:

> I've been lurking on the list for a couple of weeks while I built a OHR-100A

Welcom Chuck!

> By the way, this list is the most decorum I have seen since being online.
> Never turn it into a newsgroup.

AMEN!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 06 Nov 1997 12:07:59 -0500
From: Lee Richey WA3FIY <WA3FIY@csonline.net>
To: qrp-1@Lehigh.EDU
Subject: [30345] Re: MiniCircuits VCOs
Message-ID: <1.5.4.32.19971106170759.00671e2c@csonline.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>W. Daniel, 9V1ZV wrote:

>

>> I was wondering if anyone has tried using one of Mini-Circuits'
>> VCO modules. These seem like very easy to use parts with linear
>> tuning. Anyone has thoughts on these parts?

>

>As is generally the case with Mini-Circuits stuff, they perform
>exactly as advertised, and are very hard to kill.

>

>The only real catch is that, since they were designed to be
>babysat by a PLL, they are quite drift by themselves. Fine
>for WBFM; not fine for CW/SSB. I use one in a 1.2 GHz to 100
>MHz converter as part of my 10 GHz WBFM setup.

>

>...laura

The Mini-Circuits VCO modules work well with the CycleMaster described
in Sept. QST. I use one in a remote VFO for my Corsair II as follows:

Run the VCO (a 37.5 to 75 Mhz version in this case) at 40 to 44 Mhz. Set
the tuning range with a resistor network such that 0 to 9 volts applied to
the network just causes the VCO to tune 40 to 44. Connect the output of
the VCO to the CycleMaster input AND to a pair of 74HC74 dividers. Tap
the dividers at divide by 8 output to get 5.0 to 5.5Mhz coverage. The
CycleMaster resolution is +/- 10hz so the resolution at 5 Mhz is 10 divided
by 8 or 1.25 hz. Also the fair phase noise performance of the VCO is
improved approximately 18db making a pretty decent VFO system. Stability
is superb of course.

This general scheme can be used to generate a wide variety of frequency
ranges using the Mini-Circuits VCO's and various dividers.

Further info is available from the Sept. 1997 QST and our web site at:

<http://www.radioadv.com/default.htm>

In fairness I must say I do have an interest in the company. :-)
(But the CycleMaster is a really neat gadget)

-Lee- -WA3FIY-

Date: Thu, 6 Nov 1997 12:28:02 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu
Subject: [30346] CHECK 12m!!!!!!
Message-ID: <Pine.LNX.3.95.971106122527.21663A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was lucky enough to yesterday have to drive to Philadelphia for a 12-o'clock conference.

I got to operate from 9 to 11:30 a.m., QRP mobile...

SOLAR FLUX IS UP!

Wkd into Germany, France, Italy, and the U.K., plus an EA9, plus T77C on QRP SSB.

It was S0000 cool to be hearing stuff on 24.9 MHz!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 80 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* Charter member, Maryland Milliwatters * W3-VK on 3w mobile CW *
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Thu, 06 Nov 1997 11:17:17 -0600
From: "Jeff M. Gold" <jmg@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30347] Kit of the century?
Message-ID: <3461FB9D.56785D38@tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Well everyone else probably already knows about it, I just came across it yesterday. I am always the last to know. guess I have to find the cost range on this and see how many family memebers will be sold at auction.

<http://www.elecrafter.com/>

72

Jeff, AC4HF

--

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
(615)372-3979

Date: Thu, 06 Nov 1997 10:21:08 -0700
From: Ron Smith <resmith@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30348] Re: Pixie2 Designer?
Message-ID: <3461FC84.572A7BB@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Frank...

If the "booklet" become a reality, would you please keep me in mind to receive one?

Thanks...

72

Ron Smith
KD7VD
Boise, ID

Frank Matthews wrote:

>

> Fellow QRP-Lers

>

> Does anyone know who is responsible for the original Pixie design?

> I am thinking about putting a project booklet together that will include

> schematics, parts list, pc foil pattern layouts, and a "take you by the

> hand" approach as to how the circuit is designed, how the components were

> selected (with calculations) and etc.

[cut]

Date: Thu, 06 Nov 1997 12:31:27 EST
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [30349] Internet Packet Gateway
Message-ID: <19971106.002856.4383.15.n4so@juno.com>

N0ARY is a very powerful system allowing e-mail access to the Winlink
Pactor stations.

This means Pactor equipment is not required to send a message to a
Winlink user.

More details are in a saved text file on this computer.

Request N0ARY.txt

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Date: Thu, 6 Nov 1997 11:47:07 -0600
From: "Kevin Muenzler - WB5RUE" <wb5rue@stic.net>
To: <ham@w3eax.umd.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30349] Re: CHECK 12m!!!!!!
Message-ID: <01bceadb\$ffdad480\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep! 12 is just like 10, when it's open it's REALLY open!

Kevin, WB5RUE

-----Original Message-----

From: Scott Rosenfeld [NF3I] <ham@w3eax.umd.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, November 06, 1997 11:20 AM
Subject: CHECK 12m!!!!!!

>I was lucky enough to yesterday have to drive to Philadelphia for a
>12-o'clock conference.

>

>I got to operate from 9 to 11:30 a.m., QRP mobile...
>
>SOLAR FLUX IS UP!
>
>Wkd into Germany, France, Italy, and the U.K., plus an EA9, plus T77C on
>QRP SSB.
>
>It was S0000 cool to be hearing stuff on 24.9 MHz!
>
>* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
>* 6m 80 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
>* Charter member, Maryland Milliwatters * W3-VK on 3w mobile CW *
>*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***
>
>
>

Date: Thu, 6 Nov 1997 9:16:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: mgipe@reliablemeters.com
Cc: qrp-1@Lehigh.EDU
Subject: [30349] Fox tonight
Message-ID: <M2207906.002.8jas3.1.971106173030Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Mike:

Have I got a deal for you!

We all know this will be your first exposure to the trials of being a fox. My buddy Dwight, WA6NAE, and I will offer you a graceful way to ease into these troubled waters.

Tonight, when you are ready to start, just aim your antenna up the bay, and we will give you two quick easy contacts. Then, with your confidence established, and confirmation that everything works ok, you can run out and play with the rest of the hounds.

Now, you just can't beat a deal like this! Remember, all your friends are pulling for you.

72 and C U tonight.
Bob N6WG and Ol' Kenwood

Date: Thu, 06 Nov 1997 10:09:54 -0700
From: "Michael Fletcher" <kl7ixi@mailcity.com>
To: qrp-1@Lehigh.EDU
Subject: [30350] Re: Kit of the century?
Message-ID: <GPGCJNDPAEFGBAAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff,

I put this offering in the same category as the SGC-2020: Vaporware. Talked about but not seen.

Of course Wayne has more credibility with me since I've seen the quality of his other designs, but on important decisions such as spouses, cars, and radios, I like to see it first before I get excited.

72,
Mike KL7IXI

Get your free and private web-based e-mail from our new partner at <http://www.mailexcite.com>

Date: Thu, 6 Nov 97 00:06:16 UT
From: "chuck munce" <k0gjx@classic.msn.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [30351] found in minnesota,49er/pixi boxes
Message-ID: <UPMAIL05.199711061810410776@classic.msn.com>

SUPERMAN, BATMAN,ROBIN CANDY BOXES!! By whitman's found at SNYDERS DRUG in minneapolis minn. \$1.49 each, five different boxes, deeper than altoids and taller but just 1/4" in width shorter. Should be just fine for the next generation pixi!! When ever the board shows up?? 73 chuck

Date: Thu, 6 Nov 1997 10:16:46 -0800 (PST)

From: Kory Hamzeh <kory@avatar.com>
To: "Jeff M. Gold" <jmg@tntech.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30352] Re: Kit of the century?
Message-ID: <Pine.BSF.3.96.971106101609.18069A-100000@ns1.avatar.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I think this kit it going to be very very cool! I am ready to buy one, but prices are not posted yet!

Kory

On Thu, 6 Nov 1997, Jeff M. Gold wrote:

> Well everyone else probably already knows about it, I just came across
> it yesterday. I am always the last to know. guess I have to find the
> cost range on this and see how many family memebers will be sold at
> auction.
>
> <http://www.elecrafter.com/>
>
> 72
> Jeff, AC4HF
> --
> Jeff M. Gold, Manager
> Academic Computing Support
> Tennessee Technological University
> (615)372-3979
>
>

Date: Thu, 06 Nov 1997 10:18:42 -0800
From: David Shalita <af389@lafn.org>
To: qrp-1@Lehigh.EDU
Cc: qrp-1@Lehigh.EDU
Subject: [30353] 2N3055 current sharing resistors
Message-ID: <34620A02.3C47@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks,

I want to thank the group for the many email notes I received with thoughts, suggestions about the need for both using matching 3055's and using current sharing resistors with 3055's in my sick PS. The problem has NOT been solved yet.

I am still working at improving current sharing but I found the 3055 heatsinking to be SO POOR that I must fix that at the same time, NOW.

The two 3055 are each mounted on small heatsinks, not on the metal chassis, and not on a properly finned BIG common heatsink. Each 3055 and h/s mounts on the internal PCBoard electronics. That is NOT adequate cooling.

My Proposed Fixes

1. Mount both 3055's on a long many finned common heatsink outside on top of the power supply cabinet. New heatsink has four T03 hole mounting locations, and I will use two locations.
2. Add to each 3055 emitter,
 0.1 ohm 10watt, sand package, 10 % current sharing resistor.
3. Use 3055's that are matched for LOW BETA at 4 AMPS.
 Or use larger 2N5301 /02 /03 or 2N3771's transistors.
 Matching is difficult on my home shack bench at 4 AMPS.

0.1 ohm resistors results.

Adding 0.1 resistors in each 3055 emitter DID NOT improve current sharing.

With the 0.1 ohm resistors installed, the current sharing is roughly 280 ma in HOT 3055 and 80 ma in cold 3055 with a 300 ma external load.

I did use thermal grease.

Both the FINS of HOT 3055 heatsink and the 3055 were very hot, so I did have adequate thermal contact, but not adequate heatsinking.

Next, I added 0.2 ohm resistors to each 3055 emitter. Current sharing remained exactly the same.

A couple of questions.

1. Is it normal design practise to include a fuse in the negative DC out terminal of a PS with 723 regulator that includes current foldback?

This PS does use the fuse this way.

2. Does adding current sharing resistors (0.1 ohms) cause the current in 3055's to be balanced at all currents from light load, 0.3 AMPS to heavy load, 8 AMPS?

Thanks again for all of your helpful hints.
Work continues.

73, W6MIK

--

Dave Shalita,
af389@lafn.org
Van Nuys, CA

Date: Thu, 06 Nov 1997 10:21:52 -0800
From: David Shalita <af389@lafn.org>
To: Ham-Homebrew@UCSD.Edu
Cc: qrp-1@Lehigh.EDU
Subject: [30354] Low cost Fast PNP RF transistor
Message-ID: <34620AC0.5C81@lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks,

I need to find and purchase a bunch of low cost fast PNP transistors for squaring low amplitude 100 or faster mhz sinewave signals. I want steep fast edges, so 500 mhz or faster is needed. Want both SMD and standard packages.

What are your favorite low cost fast pnp's?
Two parts make a nice fast diff-amp.

Not being very familiar with FETS, I am approaching with bipolars.
Am I missing a good FET approach?

Does Dan's small Parts have some good devices that would meet my needs?

Thanks very much.

73, W6MIK

--

Dave Shalita,
af389@lafn.org
Van Nuys, CA

Date: Thu, 06 Nov 1997 18:22:51 +0000
From: Ed Loranger <we6w@qsl.net>
To: Bob_Tellefsen-CNSE97@email.mot.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30355] Re: Fox tonight
Message-ID: <34620AFB.6409@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike, I'm sure Bob's QTH is Directly in line with
Santa Rosa, CA.

All signals must first heat my antenna and pass
the "authorization" test to become legal ethereal entities.

:)
-Ed

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 6 Nov 1997 10:34:03 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [30355] Re: Fox tonight

Message-ID: <199711061835.MAA17579@multi13.netcomi.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Bob and Dwight --

Bidding for slots one and two is still open, though the current bids are pretty high. Still have some reasonably priced slots open down around 83, 84,... :-)

I wish!

Thanks for the encouragement. I am really excited about being on the other end of the foxhunt this time. I really want to see what it is like at the bottom of the pile. I will be sorely disappointed if Murphy or Ol' Sol doesn't cooperate and I have to listen to nothing but noise all night.

Lil Kenny is eager to play with Ol' Kenwood tonite. They haven't howled together for many a moon.

cul,

Mike K1MG

> Mike:

>

> Have I got a deal for you!

> Tonight, when you are ready to start, just aim your antenna up the

> bay, and we will give you two quick easy contacts.

Date: Thu, 6 Nov 1997 10:54:52 -0800

From: "Michael A. Gipe" <mgipe@reliablemeters.com>

To: "QRP-L list server" <qrp-l@Lehigh.EDU>

Subject: [30356] Fox: attention east coasters

Message-ID: <199711061855.MAA19430@multi13.netcomi.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Gang --

Being a former east coaster myself, I am eager to hear from you during the fox hunt tonight. Looks like Mr. Sunshine is putting on some spots, and 40 meters is going long early. That means that the path from California to the east coast should be pretty good tonight. Give it a try!

Mike K1MG

Date: Thu, 6 Nov 1997 10:55:27 -0800 (PST)
From: Alan Kaul <kaul@netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [30357] Origin of two rigs for contest single ops??
Message-ID: <Pine.3.89.9711061032.A10548-0100000@netcom7>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm thinking about writing an article on the use of two rigs by a single op in a contest.... does anyone know who pioneered this technique? Seems to me I read something about this in the last few months or so, and it might have been here on the list. Seems like it might even have been N6TR who was first.... interesting to see in the results posted to the 3830 reflector that MANY QRP ENTRANTS used two rigs during ARRL SS!
Tnx and 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

Date: Fri, 7 Nov 1997 01:35:13 -0600
From: tahrens1@juno.com (Timothy H Ahrens)
To: mgipe@reliablemeters.com
Cc: qrp-1@Lehigh.EDU
Subject: [30358] Re: Fox tonight
Message-ID: <19971107.013514.6822.2.tahrens1@juno.com>

slots open down around
>83,
>84,... :-)
>
>I wish!
>

Go Mike Go!!!

Good luck... & watch out for Wo3b... I betcha he's the first! hehe

cu

Tim W5FN

(to all others... they live about 2 blocks away from each other) :-)

Date: Thu, 6 Nov 1997 15:12:37 EST
From: Robsparks <Robsparks@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [30359] Ten Tec C-22 for sale
Message-ID: <dec45d0f.34622486@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Tentec C-22 includes matching TT power supply and keyer. Also has optional crystal calibrator installed. Includes manual. Nice, clean rig. \$450 OBO insurance and shipping included.

Bob Sparks AB5ZD QRP-L 185

Date: Thu, 6 Nov 97 12:37:31 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [30360] RESULTS FOR THE NOVEMBER SPARTAN SPRINT
Message-ID: <199711062035.MAA16424@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

The October Spartan Sprint faced big challenges--rocky conditions and Sweepstakes fatigue. Nevertheless, stations like W3TS, AB7TK and W6ZH showed their amazing operating skills once again. Your Contest Manager hereby guarantees that the December Spartan Sprint (on 12-1-97) will be a hum dinger. DON'T MISS IT!

The top two finishers in each category will receive handsome certificates (the Contest Manager is not eligible). By way of reminder, each 40 meter contact received one point and each 80 and 20 meter contact received two points. Whenever a log does not include station weight, we stipulate a weight of 30 pounds.

To make the tables line up correctly, set your email reader with a monospaced font.

Results sorted in order of points per pound.

Call	Name	80M	40 M	20M	Total	Weight	Points/ Pound
W3TS	Mike	12	0	0	12	.8	15.00
AB7TK	Randy	0	15	0	15	1.3	11.54
W6ZH	Pete	0	20	0	20	1.9	10.53
AA7QU	Russ	4	18	0	22	2.7	8.15
K7VYY	Bob	2	3	0	5	1.5	3.33
WA4AAK	Evan	0	4	0	4	1.5	2.67
N0IBT	Dave	0	4	0	4	5	0.80
WA1QVM	Joel	4	5	0	9	30	0.30
N2VPK	Mark	0	1	0	1	4	0.25
W9SUL	Dave	0	6	0	6	30	0.20
VE3ELA	Ken	2	3	0	5	37	0.14
VE5WF	Earl	0	4	0	4	30	0.13
K0SU	Rick	0	2	0	2	25	0.08
WE6W	Ed	0	1	0	1	25	0.04

Results sorted in order of points.

Call	Name	80M	40 M	20M	Total
AA7QU	Russ	4	18	0	22
W6ZH	Pete	0	20	0	20
AB7TK	Randy	0	15	0	15
W3TS	Mike	12	0	0	12
WA1QVM	Joel	4	5	0	9
W9SUL	Dave	0	6	0	6
K7VYY	Bob	2	3	0	5
VE3ELA	Ken	2	3	0	5
WA4AAK	Evan	0	4	0	4
N0IBT	Dave	0	4	0	4
VE5WF	Earl	0	4	0	4

K0SU	Rick	0	2	0	2
WE6W	Ed	0	1	0	1
N2VPK	Mark	0	1	0	1

Thanks for your support and participation!

Russ Carpenter, AA7QU
 Contest Manager for Adventure Radio Society
<http://www.natworld.com/ars>

 Date: Thu, 6 Nov 97 12:37:27 -0700
 From: Russ Carpenter <russ@natworld.com>
 To: "QRP-L List" <qrp-l@Lehigh.EDU>
 Subject: [30361] Soapbox for the November Spartan Sprint
 Message-ID: <199711062035.MAA16412@guppy.pond.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"

>From Ed, WE6W

Only 1? OK. I love this monthly contest
 but have been building my NORCAL paddle kit.
 Also the HW-8 died. The Novice/Tech QRP-1
 Fox competed for this time slot. (More excuses.)

Next month, beware! WE6W will be QRP at
 QRP weight! And no excuses.

>From Bob, K7VYY

I worked W6ZH, AB7TK, and AA7QU on 40 meters using an SST at 1 watt, a
 Whiterook keyer and sub C nicad battery pack in the first few minutes of
 the
 'test, then the band dropped out on me. I also heard KS4L, but couldn't
 complete the QSO. I heard AA7QU again on 80, and worked him with a
 different rig (3 watts), but the evening was otherwise a bust from the
 mountains of rural central Utah. I hung up my cans and went out in the
 cold
 to deliver a baby maybe next month will be better.

>From Pete, W6ZH

This was like pulling teeth! Called "CQ" on both 20 and 80, but to no avail - no signals on 20, and plenty of stations on 80 but not in SP! 40 was the usual standby with not very many stations in SP & most of those of the 449 variety. However, N9KW sounded like it (579 here), and K0SU had a big signal also. Tip of the hat to WA1QVM and K0EVZ for sticking with it at the 339/539 level!

>From Ken, VE3ELA

Band condx dismal here: not one signal on 20, S-9 static crashes on 80, & only the west faintly heard on 40. Worked AA7QU, W6ZH, AB7TK there, W3TS & WA1QVM on 80... and that's it! Seemed to be less participation this month - perhaps many ops were "contested out" from SS. Next month will be better, for sure. See you there!

>From Mark, N2VPK

Listened, and called CQ, on 40M for one hour and only heard, and worked, one other station; AA7QU. Where was everyone?

Russ really has good ears. This is the about the third time he has picked out my 900mW signal on 40M.

>From Evan, WA4AAK

The 40m band was very noisy with QRN in North Alabama, and signals were weak. Completed only 4 contacts out of 6 attempted during the 2 hour period. Thanks to those who struggled to hear me in the noise.

It was fun to work a few of the west coast stations this time! Used an SST-40 xcvr, inverted V antenna, 8 AA alkaline cells, an external keyer, and Radio Shack push buttons as a paddle to keep the weight down. Will look forward to the next Sprint, hopefully with less QRN!!

>From Randy, AB7TK

I had planned on doing the 20, 40, 80 combo, but couldn't get the 160 m dipole to load on 80 and 20 seemed dead before the contest started. Out

went the Sierra and in came the SST. Got GA and NC on 2 watts. Both were 1,000 miles per watt or very close. I think my SST needs the offset tone adjusted because too many stations came back off frequency and I had to move to hear them. Might have missed a couple of stations because of this. Equipment was SST, G4ZPY padles, 10 NiCd AAs, and earpiece.

>From Joel, WA1QVM

20 was dead. 40 and 80 had high QRN levels.
Just amazing I was able to work any stations.

Rig: QRP+, battery, internal keyer, G5RV antenna.

>From Rick, K0SU

Didn't hear anyone on 80. Only a couple on 40. Was everyone tired out from Sweepstakes.

>From Mike, W3TS

Not many sprinters heard this time. Same gear as last time: SW-80, ear buds, homebrew keyer and paddle and 10 x AAA Nicads to a 60 foot high inverted vee.

Had a late start and the usual 9:30 sked.

>From Dave, W9SUL

Conditions were "far from ideal". But, worked everybody I heard... 3 via CQ and 3 via S & P.

6 contacts and 6 SPCs... all on 40 meters

KT3A (PA), W2HAG (NY), AE4IC (NC), WA1QVM (MA),
K0EVZ (MN), and AB7TK (ID)

Tried 20m and 80 m with no luck

See you in December!!!

Date: Thu, 06 Nov 1997 15:51:05 -0500
From: Ken Freedman <n1qqv@cshore.com>
To: mgipe@reliablemeters.com
Cc: qrp-1@Lehigh.EDU
Subject: [30362] Re: Fox: attention east coasters
Message-ID: <3.0.32.19971106155002.007b9420@cshore.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:54 AM 11/6/97 -0800, you wrote:

>Gang --

>

>Being a former east coaster myself, I am eager to hear from you during
the

>fox hunt tonight.

You can count on it, Mike. This right coaster will be there. Good
luck on your first time looking down the gun barrel!

73, Ken

Ken Freedman

AKA: N1QQV/QRP VE, EC Madison CT, QRP-L

Living Proof That, "You don't have to be a blonde to be light headed!"

Date: Thu, 6 Nov 1997 16:22:40 -0500 (EST)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30363] Re: Fox: attention east coasters
Message-ID: <Pine.GS0.3.96.971106162048.2178A-1000000@joxer.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hope to get my first fox now that my rig "sorta" works.

Listen up one hour into the hunt :-)

I would like to make a "GO" of it. (heehee)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Thu, 06 Nov 1997 13:44:39 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30364] Re: Fox tonight
Message-ID: <34623A47.AFA65DA0@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob Tellefsen-CNSE97 wrote:

> Mike:
>
> Have I got a deal for you!
>
> We all know this will be your first exposure to the trials of being a
> fox. My buddy Dwight, WA6NAE, and I will offer you a graceful way to
> ease into these troubled waters.
>
> Tonight, when you are ready to start, just aim your antenna up the
> bay, and we will give you two quick easy contacts. Then, with your

<snip>

Nah, don't bother, they're too close -- you won't hear them. Aim your antenna SOUTH, toward the agricultural heartland and raisin capital of California, Fresno. At this very moment, hundreds of illegal immigrants are piling up grapes underneath the K2VC0 half-wave array to raise the radiation angle to optimum for Saratoga.

Vic K2VC0
Fresno CA

Date: Thu, 6 Nov 1997 13:00:21 -0700 (MST)
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-1@Lehigh.EDU
Subject: [30365] AlincoDJ-S11 and Sputnik2
Message-ID: <199711062000.NAA26937@ns-1.csn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There was some discussion about the \$88.00 Tech America Alinco DJ-S11 a while ago.

I used mine to copy Sputnik at 1914z today. I used the MIR prediction and it was right on.

72, Bob KI0G

Date: Thu, 06 Nov 1997 15:27:16 -0500 (EST)
From: n4js@amsat.org
To: Bob_Tellefsen-CNSE97@email.mot.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [30366] RE: Fox tonight
Message-ID: <XFMail.971106152716.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 06-Nov-97 Bob Tellefsen-CNSE97 typed:

> Mike:
> Tonight, when you are ready to start, just aim your antenna up the
> bay, and we will give you two quick easy contacts. Then, with your
> confidence established, and confirmation that everything works ok, you
> can run out and play with the rest of the hounds.

HEY!! Is this ethical?? ;-)

Sent at 15:27:16 on 06-Nov-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
<http://www.qsl.net/n4js> NJ-QRP #57 QRP-L #884
QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Thu, 6 Nov 1997 13:59:45 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30367] SS Scores
Message-ID: <Pine.SUN.3.90.971106135743.19873A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Once again, I'd like to remind all to send your score into both
the ARRL and to Floyd at: floydjr@interpath.com

Please include your call, section, Total Points, QSOs, multipliers
and how many hours you were operating.

Thanks,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 6 Nov 1997 13:55:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: daniel@pandora.lugs.org.sg
Cc: qrp-l@Lehigh.EDU
Subject: [30368] VCO
Message-ID: <M2209497.003.8w8z2.1.971106221014Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Daniel:

Steve, KD1JV, uses one of the VCO modules in his Spectrum
Analyzer/Scope Adapter kit. You might ask him his experiences with
the little beastie.

I don't recall seeing it used in other ham-built gear though. Laura's
comment about stability is probably the root cause of that.

72, Bob N6WG and Ol' Kenwood

Date: Thu, 06 Nov 1997 17:05:00 EST
From: w4bws@juno.com (Donald E Sanders)
To: kd1jv@moose.ncia.net
Cc: qrp-l@Lehigh.EDU
Subject: [30369] Re: 2N2 accesories
Message-ID: <19971106.181805.9359.0.W4BWS@juno.com>

Steve, I agree the basic 2N2222 rig should only be required to supply minimum audio level and power-maybe 250 to 500 milliwatt- then the real contest is to see how many accessories can be built with the same devices. At leawt that's the way I'm going. that allows more 2N2222's for more stable freq control and Rx performance.

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

Date: Thu, 6 Nov 1997 17:00:58 -0500
From: Sam Billingsley <sbillingsley@mindspring.com>
To: "Qrp-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [30369] Looking for Xtals to Build 9Mhz Based BFO
Message-ID: <01BCEAD6.12369840.sbillingsley@mindspring.com>

I recently picked up a McCoy 9MHz Xtal SSB filter with a 8.9985 xtal. I am looking for a 9.0015 mhz xtal for the other sideband. Anything that I could pull as VX0 would also work (9002 to 9010+/- maybe more should work). If you could help another homebrewer I would certainly be glad to pay a fair price for it including shipping priority mail.

I AM DIGEST MODE LIST USER

Sam Billingsley, AE4GX e-mail: sbillingsley@mindspring.com
Atlanta, GA 30342

Wire Antennas, Butternut Vert, AEA IsoLoop
Ramsey 1w 40 mtr xmtr/rcvr norcal #2210 MI-QRP #1567
Index Labs QRP+ (#928) qrp-l #1033 ARCI #9356
NorCal 38S w/5w/Tick (#927) G-QRP #9660 ARS #269
HW8 (no mods) NOGA #???? CQC #454

Date: Thu, 06 Nov 1997 13:10:03 -0900
From: "Jim, Nancy, Juliann, Issei" <larsennnc@alaska.net>
To: qrp-1@Lehigh.EDU
Subject: [30370] FS: Ten Tec Argosy 525 Analog
Message-ID: <3462403B.3121@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Ten Tec Argosy 525 with the following accessories:

#224 Audio CW Filter
#223 Noise Blanker
#226 Crystal Calibrator
#1126 Linear Relay

Price \$325 and you pay shipping.

I had this rig on during the CW-SS and made QRP contacts on 15 and 20 meters.

73, Jim, AL7FS

--

Jim Larsen, ex-WA0LPK
Acupressure Anchorage
Anchorage, Alaska

Date: Thu, 6 Nov 1997 15:14:38 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [30370] Re: Fox tonight
Message-ID: <199711062214.PAA02690@usr02.primenet.com>

Howdy Folks,

Vic (K2VC0) wrote:

>

> Nah, don't bother, they're too close -- you won't hear them. Aim your

> antenna SOUTH, toward the agricultural heartland and raisin capital of
> California, Fresno.

Nope, Mike's going to have to pick off all those 599+ AZ
sigs first if he's going to have a chance of digging you
"locals" out of the RF barrage. But don't worry, we'll get
out of your way fast. ;-)

> At this very moment, hundreds of illegal immigrants are piling
> up grapes underneath the K2VCO half-wave array to raise the
> radiation angle to optimum for Saratoga.

So that would make your antler a... Fermented Beverage?

groan :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"'Fraid nobody around here, understands my potato;
Think I'm only a Spudboy, looking for a real tomato." -DEVO

Date: Thu, 6 Nov 1997 14:29:18 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <n4js@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30371] Re: Fox tonight
Message-ID: <199711062230.QAA06607@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> > Tonight, when you are ready to start, just aim your antenna up the
> > bay, and we will give you two quick easy contacts. Then, with your

> > confidence established, and confirmation that everything works ok,
you
> > can run out and play with the rest of the hounds.
>
> HEY!! Is this ethical?? ;-)

Depends on which one of you thought of it first!

Mike K1MG

Date: Thu, 06 Nov 1997 17:52:33 EST
From: w4bws@juno.com (Donald E Sanders)
To: ku7y@sage.dri.edu
Cc: qrp-1@Lehigh.EDU
Subject: [30372] Re: Power Polarity Indicator & Rig Protector
Message-ID: <19971106.190551.7255.1.W4BWS@juno.com>

A easy way to mount a protective fuse in a "after market Mod" is to pick up a flat type single,or double fuse holder at RadShak that takes a 3ag type or one of the inline blade types and mount the fuse holder to the chassis,usually requires one screw, on the inside or back depending on room available. Wire the fuse in series from the power input terminals to the on/off switch. Auto parts stores usually carry fuse holders for up to 30 amps also. A stud type diode of sufficient amperage can be mounted to the chassis and wired to the power switch side of the fuse to blow the fuse if reversed power is applied. I have used this scheme on almost every radio i've owned including some commercial 2 way radios and home brew. I've even put a green led in a small hole in the rear panel to show when correct power is applied before turning on the power switch.

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

Date: Thu, 06 Nov 1997 13:11:14 -1000
From: Peter Demmer <ampruss@hits.net>
To: k3tks@u1.abs.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30373] Re: Multi-band Verticals
Message-ID: <34624E91.567A@hits.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Peter L. Demmer wrote:

>
> George and qrp-L;
> I have put together a neat retro fit kit to vastly improve the contact
> point on Vern's (Wright coil) design. Everything else really works

> good This offer is to over come the fragility, difficult to adjust
> and hold in adjustment and the multi-turn shorting of the original
> brass finger stock coil contact. Our design is precision die turned
> and fabricated of #13 AWG beryllium bronze. The contact point is also
> tinned. In Hawaii, this land of eternal summer comes with a price of
> corrosive high humidity (salt air). I will be offering a of; send
> me only your existing square brass shaft, contact ferrule and the two
> brass mounting screws (Don't send the coil) and I will return a
> re-machined and retro-fit-up of both pieces. Included in our
> retrofit kit will be two 316 stainless steel flat head machine screws,
> two TEFLON spacers and a real "brite-tinned" brass thumb locking
> screw. The cost will be \$18.00 US, return shipping included. Cash,
> check or money order will get the job done. I will be cranking up
> for business and limited volume production in late November 97

Ok gang, Finally got my computer up and on line. The show and tell at
PACIFICON went well. Im now tooled up so send me IAW the original post
ONLY your 1/4"x1/4" contact slider shaft, the 1/2 IPS copper slider
sleeve and the two brass screws. Suggest you use a \$3.00 US postal
priority mailer. I will return the retrofitted parts using the same
mode. Thanks to all the great folks I met in Concord. The QRP gang from
NORCAL, the speakers and builders were a fine bunch to hang out with.

Pat and I send our sincerest Aloha nui-ka ko and have a safe, reflective
and joyous Thanksgiving. CU all in 98., God willing and the roof don't
leak. (old submarine saying) Peter

Peter L. Demmer KH6CTQ
dba AMPRUSS CO
98-1559 Akaaka St.
Aiea, HI 96701-3051

Date: Thu, 06 Nov 1997 17:56:59 -0500
From: "Greg K. Pollard" <cwgreg@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [30374] key arrival
Message-ID: <3.0.1.32.19971106175659.0068e46c@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

One Norcal paddle arrived in Dayton, Oh. today.
After looking at the brass pieces, my first instinct is to throw them into
my tumbler full of ground corn cobs and brasso that cleans my .44 casings.
Its worth a try.

TU and need to get busy, 73
Greg W8XP

Date: Thu, 6 Nov 1997 18:02:25 -0400
From: "W2MBY & W2MY" <n2mnn@spacegate.com>
To: "QRP-L message" <qrp-l@Lehigh.EDU>
Subject: [30374] FOX: N/T Fox Fri Night
Message-ID: <0034c11012306b7NS@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Oops! Sorry! As some of you have kindly told me, I always forget to list at least one important detail. The Frequency is 7.141 +/- 4 kHz for the N/T Fox Friday night.

>Hi,

>John here. I am the N/T Fox Oct 8, 01:00 to 03:00 UTC. Thats actually

>Friday night local time. THIS IS A SCHEDULE CHANGE! The previous time was

>02:00 to 04:00 UTC. The new time will give everyone from the West to East

>coast a better chance to bag me. Can't make it any earlier or the guys on

>the West coast won't be home from work on time, and I want to work everyone

>I can. Hope to better my high score of 21 contacts from last time.

>

>See you on 40 meters.

John, W2MBY

n2mnn@ spacegate.com

The e-mail address of:

John Pituch N/T Fox W2MBY (ex KC2CFZ)

Steve Pituch W2MY (ex N2MNN)

Date: Thu, 06 Nov 1997 23:04:38 +0000
From: Ed Loranger <we6w@qsl.net>
To: cwgreg@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30374] Re: key arrival
Message-ID: <34624D06.2C88@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greg K. Pollard wrote:

>
> One Norcal paddle arrived in Dayton, Oh. today.
> After looking at the brass pieces, my first instinct is to throw them into
> my tumbler full of ground corn cobs and brasso that cleans my .44 casings.
> Its worth a try.
>
> TU and need to get busy, 73
> Greg W8XP

You'll be BANGing out code in no time! -HI <vbg>

-Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Thu, 6 Nov 1997 18:49:22 -0500 (EST)
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>
To: qrp-l@Lehigh.EDU
Subject: [30375] Re: key arrival
Message-ID: <199711062349.SAA08257@mercury.mv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:04 PM 11/6/97 +0000, you wrote:

>Greg K. Pollard wrote:

>>

>> One Norcal paddle arrived in Dayton, Oh. today.
>> After looking at the brass pieces, my first instinct is to throw them into
>> my tumbler full of ground corn cobs and brasso that cleans my .44 casings.

>> Its worth a try.
>>
>> TU and need to get busy, 73
>> Greg W8XP
>
>
>You'll be BANGing out code in no time! -HI <vbg>
>-Ed

Don't get cute Ed or he'll SLUG you!! :-)

===PSR===

=====

Phil Rutledge--K1HS-- rut@mcrut.mv.com

ARCI#9265=Norcal#1797=QRP-L#820= CQC# 385=FISTS# 3317

=====

Date: Thu, 6 Nov 1997 18:49:55 -0500 (EST)
From: MNHopkins@aol.com
To: QRP-L@Lehigh.EDU
Cc: sinned@vnet.ibm.com, kbritain@johnstontech.com, kevin.reeves@juno.com
Subject: [30376] Attic Antenna Atavisms
Message-ID: <971106184955_-1911809154@mrin44.mail.aol.com>

Those who contemplate feeding an attic antenna with twinlead are out of the spirit of it all -- too high tech.

Our attic antenna came into being before KC5FDL, my son who will be QCWA eligible at 34, was even licensed. We strung 75' of #30 up there and ran a ground to a emt pipe in the basement to give him real performance from his Radio Shack crystal set beside his bed. A stuffed animal ate the xtal set and later I decided to try the wire as a ham antenna as our plaster lath house is an RF tight box save up there. I cobbled together an L tuner from some junk and hit it with the ritual 5W -- nothing. I got then KC5FDL's FT-7 and hit it with 10W -- nothing. Since on Six Meters one needs 3W for DX and 100 to work the locals, I had a pair of 6146s ,so I hit it with 75W out as they glowed, one orange, one blue --nothing.

Lamenting all this to an OT, he laughed at us. "No counterpoise," he accused. "I'm grounded to the electrical service thru the electro metallic tubing, to pure earth thru three copper stakes and even to the gas line in a

patch hidden from the Underwriters' Laboratories," I confessed. "Those are DC grounds," He said.

Well, he was right, even though he was on 5M without a license and quit homebrewing when the octal tube fell out of favor. The 20M quarterwave line that runs out to the gate beside the fence let me check into the Swan Collector's net on a Sunday afternoon on 20M. The 40M wire, that runs along the back of the house to trip burglars who try to sneak in the basement gave me 6dB over the flag pole, and the 80M wire in the garden, under the rabbit cages, and along a walk, allows me to get out on a 2W TX made from side-of-the-road TV parts -- even the crystal.

So when the old timers talk about a counterpoise, by which they mean a single one quarter wave radial, I listen, but I skip all that crap about how tough things were in the Depression.

73 de ab5l, michael in Dallas, student of Tecraft and International Crystal (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
MNHopkins@AOL.com

Date: Thu, 06 Nov 1997 18:52:25 EST
From: n1tgz@juno.com (Gregory P Fox)
To: QRP-L@Lehigh.EDU
Subject: [30377] Wanted MFJ 9040
Message-ID: <19971106.185015.4991.1.n1tgz@juno.com>

Hi Gang, Am looking fer a MFJ 9040 Cw rig with cw filter. Been off HF fer while and need to work those Fox stations. HI HI
72 Greg N1TGZ #8444

Date: Thu, 6 Nov 1997 17:45:35 -0600
From: SDULANEY@ccmail.dsccc.com
To: qrp-l@Lehigh.EDU
Subject: [30378] Re: key arrival
Message-ID: <001452FE.3370@ccmail.dsccc.com>
Mime-Version: 1.0
Content-Type: multipart/mixed; boundary="IMA.Boundary.693068878"

--IMA.Boundary.693068878
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

I have been thinking of Parkerizing the base. Does anybody have any thoughts on this ideal.

Steve
KC5FFK

Greg K. Pollard wrote:

>
> One Norcal paddle arrived in Dayton, Oh. today.
> After looking at the brass pieces, my first instinct is to throw them into
> my tumbler full of ground corn cobs and brasso that cleans my .44 casings.
> Its worth a try.
>
> TU and need to get busy, 73
> Greg W8XP

You'll be BANGing out code in no time! -HI <vbg>

-Ed

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

--IMA.Boundary.693068878

Content-Type: text/plain; charset=US-ASCII; name="RFC822 message headers"

Content-Transfer-Encoding: 7bit

Content-Description: cc:Mail note part

Content-Disposition: inline; filename="RFC822 message headers"

Received: from camelot.dsccc.com (192.1.1.19) by ccmil.dsccc.com with SMTP
(IMA Internet Exchange 2.1 Enterprise) id 0014521B; Thu, 6 Nov 97 17:13:27
-0600

Received: from offramp.dsccc.com (onramp.dsccc.com [192.1.1.139]) by
camelot.dsccc.com (8.6.11/8.6.10) with SMTP id RAA28226; Thu, 6 Nov 1997
17:09:16 -0600

Received: by offramp.dsccc.com (5.67b/SMI-V1.8)
id AA15010; Thu, 6 Nov 1997 17:13:22 -0600

Received: from fidoii.cc.lehigh.edu(128.180.1.4) by offramp via smap (V1.3mjr)
id sma014938; Thu Nov 6 17:12:36 1997

Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<34829-28460>; Thu, 6 Nov 1997 18:06:56 -0500

Received: from nss4.cc.Lehigh.EDU ([128.180.1.13]) by fidoii.cc.Lehigh.EDU with
ESMTP id <34843-23592>; Thu, 6 Nov 1997 18:04:49 -0500

Received: from palrel3.hp.com (palrel3.hp.com [156.153.255.219])
by nss4.cc.Lehigh.EDU (8.8.8/8.8.5) with ESMTP id SAA66292
for <qrp-l@Lehigh.EDU>; Thu, 6 Nov 1997 18:04:44 -0500
Received: from srmail.sr.hp.com (srmail.sr.hp.com [15.4.45.14])
by palrel3.hp.com (8.8.5/8.8.5tis) with ESMTP id PAA29346;
Thu, 6 Nov 1997 15:04:43 -0800 (PST)
Received: from wolf.sr.hp.com by srmail.sr.hp.com with ESMTP
(1.37.109.16/15.5+ECS 3.3) id AA011357481; Thu, 6 Nov 1997 15:04:42 -0800
Received: from ooringer (ooringer.sr.hp.com) by wolf.sr.hp.com with SMTP
(1.37.109.16/15.5+ECS 3.3) id AA038207479; Thu, 6 Nov 1997 15:04:40 -0800
Message-Id: <34624D06.2C88@qsl.net>
Date: Thu, 06 Nov 1997 23:04:38 +0000
Reply-To: we6w@qsl.net
Sender: owner-qrp-l@Lehigh.EDU
Precedence: bulk
From: Ed Loranger <we6w@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Re: key arrival
References: <3.0.1.32.19971106175659.0068e46c@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
X-Sender: loranger@qsl.net
X-To: cwgreg@worldnet.att.net
X-Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
X-Mailer: Mozilla 3.0Gold (X11; U; HP-UX A.09.05 9000/725)
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

--IMA.Boundary.693068878--

Date: Thu, 06 Nov 1997 18:52:25 EST
From: n1tgz@juno.com (Gregory P Fox)
To: QRP-L@Lehigh.EDU
Subject: [30379] Postponing List
Message-ID: <19971106.185015.4991.2.n1tgz@juno.com>

Hi Gang, Guess screwd up and deleted file on postponing and turninnng
QRP-L back on, hows that work? Be off fer 3 days and need to turn off and
back on. I know this has been asked 1000 times,but..... Tnx and
72 Greg N1TGZ

End of QRP-L Digest 901
